



Kentucky Agricultural Statistics Service
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KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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AGRICULTURAL NEWS: Last week was basically cool and rainy across the State. All areas of Kentucky received much needed rain. Western areas that had been dry received a good soaking rain. Cooler temperatures were experienced with the high's reaching into the mid-70's and averaged 7 degrees below normal. **Topsoil moisture** as of Friday, June 1 was rated 1 percent very short, 12 percent short, 73 percent adequate and 14 percent surplus. **Subsoil moisture** was rated 6 percent very short, 31 percent short, 57 percent adequate and 6 percent surplus. Farmers last week set tobacco, planted soybeans and cut and baled hay as weather permitted. **Days suitable for fieldwork** averaged 3.6 of a possible 6 days.

TOBACCO: As of Sunday, June 3, 70 percent of the **burley tobacco** acreage had been set. This was down from 80 percent last year while above the 57 percent five year average. Burley height under 12 inches was 94 percent of the set crop, 12 to 24 inches was 5 percent and 24 plus inches was 1 percent. Farmers had also set 76 percent of their intended **dark tobacco**, up from 73 percent last year and 64 percent for average. Tobacco setting picked up last week after much needed rain was received. Minimal insect and disease problems have been reported. Farmers report very few fields having to be replanted. Condition of the set tobacco as of Friday was 1 percent very poor, 5 percent poor, 31 percent fair, 55 percent good and 8 percent excellent.

CORN: The 2001 corn crop was 99 percent emerged as of Sunday. This was ahead of 97 percent for last year and 86 percent for the average. The average height of the emerged corn was 23 inches with the most advanced

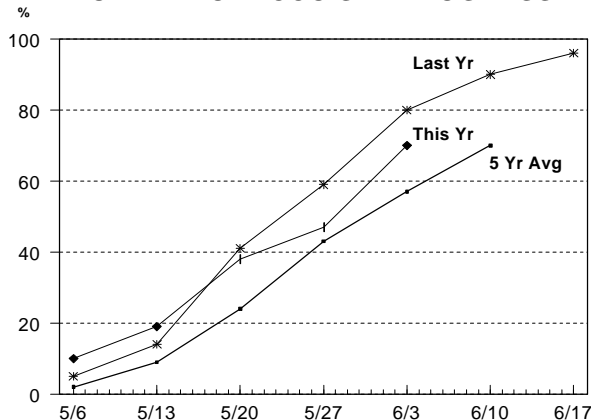
fields being 34 inches. The corn crop as of Friday was 1 percent very poor, 4 percent poor, 21 percent fair, 58 percent good and 16 percent excellent.

SOYBEANS: Farmers were actively planting soybeans last week and by Sunday 76 percent of the their intended acreage had been planted. This continues to be ahead of last year with 61 percent and the average of 45 percent. As planting continues this year farmers are starting to plant soybeans following the harvest of barley and winter wheat. Of the planted acreage 72 percent had emerged, ahead of last years's 51 percent and the average of 25 percent. The soybean crop was rated as 1 percent very poor, 4 percent poor, 29 percent fair, 53 percent good and 13 percent excellent.

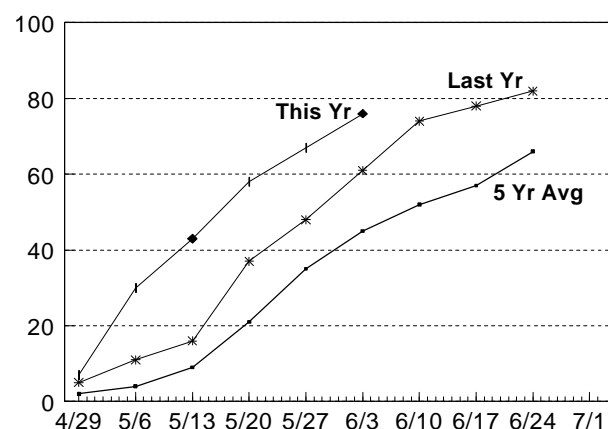
SMALL GRAINS: Farmers have just started to harvest their **winter wheat** with 2 percent harvested. Some lodging of the crop has occurred due to storms sweeping across the State. Condition of the wheat crop was 1 percent very poor, 7 percent poor, 33 percent fair, 50 percent good and 9 percent excellent. Harvesting of the **barley** crop was 20 percent complete. This compares to 21 percent last year and 18 percent for the average.

OTHER CROPS: Harvesting of **hay** was slowed by rainy weather across the State. Farmers are looking for a better second crop of hay than their first cutting due to the improved soil moisture. First cutting was hurt by the dry spring. **Pastures** have received new vitality due to the recent rains. As of Friday, they were rated 4 percent very poor, 12 percent poor, 41 percent fair, 35 percent good and 8 percent excellent. **Grain sorghum** was 78 percent planted. **Nitrogen fertilizer supplies** available to farmers in Kentucky was 99 percent of normal.

BURLEY TOBACCO SET PROGRESS



SOYBEAN PLANTING PROGRESS



KENTUCKY CROP PROGRESS

WEEK ENDING JUNE 3, 2001

WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Corn					
Emerged	99	97	86	97	80
Soybeans					
Planted	76	61	45	67	70
Emerged	72	51	25	61	45
Burley Tobacco Set	70	80	57	47	NA
Dark Tobacco Set	76	73	64	59	NA

(NA) Data Not Available.

SOIL MOISTURE

WEEK ENDING JUNE 1, 2001

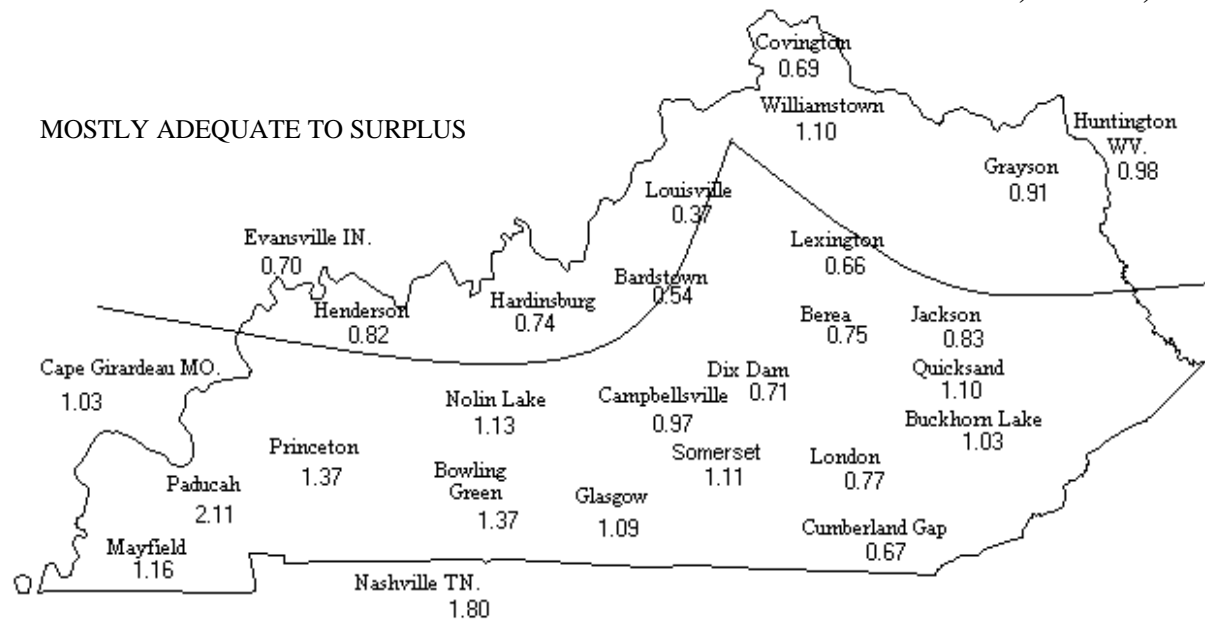
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	1	3
Short	12	13
Adequate	73	62
Surplus	14	22
SUBSOIL		
Very Short	6	7
Short	31	33
Adequate	57	52
Surplus	6	8

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING JUNE 1, 2001					WEEK ENDING MAY 25, 2001				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn	1	4	21	58	16	2	5	28	54	11
Soybeans	1	4	29	53	13	1	5	29	54	11
Wheat	1	7	33	50	9	1	5	38	45	11
Pasture	4	12	41	35	8	5	14	42	35	4
Tobacco Set	1	5	31	55	8	2	4	29	56	9

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JUNE 3, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JUNE 1, 2001



KENTUCKY WEATHER SUMMARY, MAY 28 - JUNE 3, 2001:

BELOW NORMAL TEMPERATURES AND RAINFALL:

Cool temperatures and scattered rain showers were the story last week. The showers provided much need rainfall to Kentucky especially to western portions of the State. These showers however did continue to cause interruptions to field activities. Some of the storms were severe and provided the first tornado of the year in London, Kentucky on June 2. Temperatures were also cool with highs only in the 60s and 70s when normal is around 80 across the State.

Temperatures for the period averaged 63 degrees across the State which was 7 degrees BELOW NORMAL. High temperatures averaged from 75 in the West to 72 in the East. Departure from normal high temperatures ranged from 9 degrees BELOW NORMAL in the West to 8 degrees BELOW NORMAL in the East. Low temperatures averaged from 56 degrees in the West to 53 degrees in the East. Departure from normal low temperature ranged from 5 degrees BELOW NORMAL in the West to 6 degrees BELOW NORMAL in the East.

Rainfall for the period totaled 0.94 inches statewide which was 0.05 inches BELOW NORMAL. Precipitation totals by climate division, West 1.20 inches, Central 0.87 inches, Bluegrass 0.75 inches and East 0.92 inches, which was +0.20, -0.15, -0.21 and -0.04 inches respectively from normal. By Kentucky station, precipitation totals ranged from a low of 0.37 inches at Louisville to a high of 2.11 inches at Paducah.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JUNE 3, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)			(Degrees Fahrenheit)								
Bardstown	0.54	7.17	5.00	-1.55	+1.03	79	45	62.9	-8	91	941	+110
Berea	0.75	5.58	4.02	-3.89	-0.25	77	44	61.9	-8	87	946	+84
Bowling Green	1.37	7.65	5.40	-2.03	+1.00	80	49	64.9	-6	103	1036	+171
Bristol	0.97	6.37	4.54	-1.18	+1.04	78	48	65.2	-4	106	873	+106
Buckhorn Lake	1.03	7.28	4.97	-1.00	+1.24	77	48	62.9	-7	89	923	+162
Cape Girardeau	1.03	5.37	2.67	-4.60	-1.86	81	53	67.3	-5	119	1055	+156
Campbellsville	0.97	7.46	5.08	-2.89	+0.48	79	47	63.8	-7	98	978	+119
Covington	0.69	7.28	5.70	-1.13	+1.86	75	46	60.2	-9	74	853	+119
Cumberland Gap	0.67	6.12	3.84	-3.20	-0.47	80	47	65.4	-4	107	959	+195
Dix Dam	0.71	6.62	4.93	-2.71	+0.74	77	47	62.3	-7	86	935	+104
Evansville	0.70	5.62	3.89	-3.50	-0.29	79	48	64.6	-8	102	1023	+188
Glasgow	1.09	7.66	5.10	-2.41	+0.56	81	45	65.6	-5	110	1027	+225
Grayson	0.91	9.77	8.29	+1.50	+4.47	75	50	61.7	-8	81	906	+206
Hardinsburg	0.74	7.13	5.41	-2.43	+1.10	78	48	63.9	-7	97	1012	+147
Henderson	0.82	5.89	3.49	-3.30	-0.56	78	49	64.8	-8	102	1040	+175
Huntington	0.98	10.84	9.32	+2.61	+5.51	76	50	61.6	-8	80	902	+138
Jackson	0.83	6.55	4.74	-2.41	+0.75	75	48	61.7	-8	82	918	+157
Lexington	0.66	7.54	6.40	-1.18	+2.43	76	47	62.1	-7	84	930	+193
London	0.77	7.06	5.25	-1.48	+1.45	78	45	63.2	-6	93	879	+115
Louisville	0.37	7.68	6.67	-1.52	+2.60	77	47	63.3	-7	93	992	+157
Mayfield	1.16	4.75	3.23	-5.65	-1.15	78	50	63.6	-9	93	961	+35
Nashville	1.80	8.34	5.91	-1.27	+1.62	79	53	66.9	-4	117	1067	+138
Nolin Lake	1.13	7.67	5.71	-2.73	+0.90	79	49	64.5	-6	100	1025	+200
Paducah	2.11	7.00	4.94	-3.35	+0.55	80	52	66.2	-6	111	1062	+163
Princeton	1.37	5.44	3.28	-4.70	-1.11	80	51	66.8	-6	116	1127	+232
Quicksand	1.10	7.43	5.22	-1.53	+1.23	77	48	62.4	-7	87	916	+155
Somerset	1.11	8.30	5.88	-1.54	+1.37	77	45	62.4	-7	91	932	+104
Spindletop	0.59	6.88	5.10	-1.84	+1.13	75	48	60.9	-9	76	875	+138
Williamstown	1.10	7.44	6.29	-1.50	+2.36	77	46	60.9	-9	79	919	+182

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

Crop Progress and Condition

Week Ending May 27, 2001

Corn Percent Emerged

State	May 27 2001	Prev Week	Prev Year	5-Yr Avg
CO	79	45	72	71
IL	95	92	96	NA
IN	100	95	90	NA
IA	77	58	99	82
KS	95	88	93	NA
KY	97	93	93	78
MI	74	53	70	48
MN	59	30	97	74
MO	84	75	99	NA
NE	83	61	94	79
NC	98	95	96	NA
ND	51	14	87	45
OH	97	86	87	60
PA	66	54	69	NA
SD	53	22	79	NA
TN	100	99	93	NA
TX	92	85	96	NA
WI	43	34	82	NA
ALL	80	65	92	NA
These 18 States planted 92% of last year's corn acreage.				

Soybeans Percent Planted

State	May 27 2001	Prev Week	Prev Year	5-Yr Avg.
AR	65	57	46	46
IL	86	81	95	67
IN	96	94	85	66
IA	60	47	98	77
KS	77	62	80	59
KY	67	58	48	35
LA	91	79	85	76
MI	75	58	41	49
MN	56	43	94	75
MS	95	91	84	82
MO	55	41	79	49
NE	74	51	93	71
NC	40	25	36	34
ND	49	27	91	53
OH	88	86	82	65
SD	50	22	83	55
TN	59	49	29	30
WI	40	34	82	67
ALL	70	58	83	64
These 18 States planted 95% of last year's soybean acreage.				

Winter Wheat Percent Headed

State	May 27 2001	Prev Week	Prev Year	5-Yr Avg.
AR	100	100	100	100
CA	99	99	99	99
CO	48	30	84	59
ID	3	0	14	7
IL	96	88	99	86
IN	100	88	97	77
KS	98	87	100	95
MI	39	8	46	27
MO	96	90	98	87
MT	0	0	9	4
NE	54	23	81	43
NC	100	100	100	100
OH	96	46	96	60
OK	100	99	100	100
OR	28	10	36	35
SD	1	0	32	12
TX	98	92	98	96
WA	34	15	41	31
ALL	79	69	85	77
These 18 States planted 90% of last year's winter wheat acreage.				

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